

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICERECEIVED
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MAY 11 2007

PATENT APPLICATION

Howard C Huang
Laurence Eugene Mailaender
Magnus Sandell
Harish Viswanathan

CASE 17-8-15-15

Serial No. 09/938453 Group Art Unit 2611

Filed August 24, 2001

Examiner P. M. Phu

Title Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450


SIR:

Enclosed is an Response in the above-identified application.

NO ADDITIONAL FEE REQUIRED

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Respectfully,


John B. MacIntyre, Attorney
Reg. No. 41170
630-979-4636.Date: 5/11/07Docket Administrator (Room 3J-219)
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Serial No. 09/938,453

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**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE****Patent Application**

Inventor(s): H. C. Huang
L. E. Mailaender
M. Sandell
H. Viswanathan
Case: 17-8-15-15
Serial No.: 09/938,453 **Group Art Unit:** 2637
Filed: August 24, 2001
Examiner: P. M. Phu
Title: Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System

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RESPONSE

This communication is in response to the Office Action dated November 14, 2006.

Remarks

Claims 1-3, 7-21, and 23-42 are pending in the application.

Claims 30-34 stand allowed.

Claims 7, 16, 38, 39, and 40 were indicated to contain allowable subject matter but were objected to as being dependent upon a rejected base claim. They would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 25-28 are rejected under 35 U.S.C. 112, second paragraph.

Claims 1-3, 8-12, 15, 17-19, 23, 24, 29, 35, 36, 37, 41 and 42 are rejected under 35 U.S.C. 102(e) as being unpatentable over United States Patent No. 7,027,523 issued to Jalali et al. on April 11, 2006.